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OUR NATIVE PLANTS

L. H. PAMMEL

The following articles are reprinted from several numbers of The Iowa Farmer and Horticulturist of 1853. This magazine was published in Burlington and Fairfield. The articles are contributed by Dr. L. H. Pammel.

In your first number you give directions for preparing the garden, and sowing annual, biennial, and perennial seeds. It may not be generally known by your readers and our citizens that as beautiful plants are native to our woods and prairies, as can be found in any portion of the globe; and that they can be as easily and safely transplanted during the months of April and May, as any cultivated plant, and that they greatly improve by cultivation.

The following bloom during the month of May, in this vicinity, and those who have ever seen them will freely admit that they would grace any garden. Many of them possess valuable medicinal properties, thus combining the useful with the ornamental. One objection often urged as an apology for not cultivating our indigenous plants, that their names are not known, I will obviate by giving the list, which is arranged according to the order in which they make their appearance, and shall from time to time continue to do so. I am well aware of the general dislike to anything like technicalities, but nevertheless prefer giving you the botanical as well as the common names. In transplanting them imitate nature, that is, make the ground as much like the place you took them from as possible.

Sanguinaria Canadensis, Blood-root.
Dielytra Cucullaria, Dutchman's Breeches.
Hepatica triloba, Liverwort.
Claytonia Virginica, Spring beauty.
Thalictrum anemonoides, Rue-anemone.
Phlox divaricata, Early-flowering Lychnidea.
Viola cucullata, Hood-leaved Violet.
Viola sagittata, Arrow-leaved Violet.
Viola delphinifolia, Larkspur Violet.
Viola pedata, Pedate Violet.
Viola pubescens, Yellow Violet.
Ranunculus fascicularis, Early Crowfoot.
Uvularia perfoliata, Mealy Bellwort.

Trillium sessile, Sessile-flowered Trillium.
Trillium recurvatum.
Trillium nivale, Snowy Trillium.
Dentaria laciniata.
Polemonium reptans, American-Greek Valerian.
Mertensia Virginica, Virginian Lungwort.
Arum triphyllum, Indian Turnip.
Mitella diphylla, Bishop's Cap.
Castilleja coccinea, Painted Cup.
Castilleja sessiliflora, Great-flowered Painted Cap.
Oxalis violacea, Violet-Wood Sorrel.
Aquilegia Canadensis, Columbine.
Geranium maculatum, Cranesbill.
Asarum Canadense, Wild Ginger.
Cypripedium candidum, White flowered Lady's-slipper.
Cypripedium acaule, Acaulescent Lady's-slipper.
Cypripedium parviflorum, Yellow, Lady's-slipper.
Orchis spectabilis, Showy Orchis.
Phlox acuminata, Acuminate Lychnidea.
Eumonymus atropurpureus, Burning Bush.

The last is decidedly one of the handsomest shrubs I have ever seen; not alone being ornamental in summer but also in winter, when its bright red arils, form a striking contrast with the snow.

May, 1853.

FLORES

Iowa Farmer and Horticulturist, Vol. 1, No. 2, June, 1853

According to promise I give a list of plants and shrubs that bloom in the month of June, in this vicinity, which would ornament any garden or grounds:

Dodecantheon Meadia, American Cowslip.
Delphinium azureum, Blue Larkspur.
Hydrastis Canadensis, Tumeric Root.
Nelumbium luteum, Sacred Bean.
Nymphaea odorata, Water Lily.
Nuphar advena, Yellow Pond Lily.
Helianthemum Canadense, Rock Rose.
Ptelea trifolata, Shrubby Trefoil.
Polygala senega, Seneca Snakeroot.
Celastrus scandens, Shrubby Bittersweet.
Ceanothus Americanus, New Jersey Tea.
Lathyrus venosus.
Lathyrus palustris, Marsh Lathyrus.
Amorpha fruticosa.
Glycyrrhiza lepidota, American liquorice.
Spiraea opulifolia, Nine-bark.
Aralia racemosa, Spikenard.
Aralia nudicaulis, Wild Sarsparilla.

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Panax quinquefolium, Ginseng.
Cornus sericea, Red Osier.
Triosteum perfoliatum, Fever-wort.
Echinacea angustifolia.
Penstemon pubescens, Beard-tongue.
Hydrophyllum Virginicum, Water-leaf.
Apocynum androsaemifolium, Dog's bane.
Lonicera flava, Yellow Honeysuckle.
Asclepias phytolaccoides, Poke-leaved Silkweed.
Asclepias parviflora, Small-flowered Silkweed.
Asclepias quadrifolia.
Cypripedium spectabile, Showy Ladies-slipper.
Iris versicolor, Blue Flag.
Lilium Philadelphicum.
Tradescantia Virginica, Spider-wort.
Ostrya Virginica, Hop-hornbeam.
Carpinus Americana, Hornbeam.
Amelanchier Canadensis, June Berry. Ripe.

The fruit of this tree is red and ripe in June, and is pleasant to the taste.

FLORES

Iowa Farmer and Horticulturist, Vol. 1, No. 3, July, 1853

I give a list of plants and shrubs that bloom in the month of July, in this vicinity:

Anemone Virginiana, Virginian Anemone.
Erysimum Arkansanum, Yellow Phlox.
Erysimum cheiranthoides.
Polansia graveolens.
Hypericum pyramidatum, Giant Hypericum.
Hypericum perforatum, Common St. John's wort.
Hypericum corymbosum, Spotted St. John's wort.
Silene stellata, Stellate Campion.
Hibiscus militaris, Halbert-shaped Hibiscus.
Petalostemon candidum.
Petalostemon violaceum.
Desmodium acuminata.
Desmodium Canadense.
Tephrosia Virginiana, Got's Rue.
Ampelopsis quinquefolia, Woodbine.
Cassia Marilandica, American Senna.
Cassia chaemicrista, Sensitive Pea.
Lespedeza violacea, Violet Lespedeza.
Spiraea Aruncus, Goat's Beard.
Spiraea salicifolia, Queen of the Meadow.
Lythrum alatum, Wing-stem Lythrum.
Ludwigia alterniflora, Seed-box.
Epilobium angustifolia, Willow Herb.
Epilobium coloratum, Colored Epilobium.

Oenothera fruticosa, Perennial Evening Primrose.
Oenothera biennis, Common Evening Primrose.
Circaea lutetiana, Enchanter's Nightshade.
Cornus paniculata, White Cornel.
Eryngium aquaticum, Button Snake-weed.
Cephalanthus occidentalis, Button Bush.
Liatris pycnostachya, Thick-spiked Liatris.
Silphium lacinatedum, Rosin-weed, Polar Plant.
Silphium perfoliatum, Cup-plant.
Parthenium integrifolium.
Rudbeckia laciniata.
Rudbeckia hirta, Rough Cone-flower.
Helianthus occidentalis, Western Sun-flower.
Cacalia suaveolens, Wild cherry.
Cacalia tuberosa.
Lobelia cardinalis, Cardinal Flower.
Lobelia syphilitica, Blue Cardinal Flower.
Campanula Americana, American Bell-flower.
Campanula Illinoensis.
Lysimachia stricta.
Lysimachia ciliata, Fringe-stalk Loosestrife.
Lysimachia hybrida, Hybrid Loosestrife.
Lysimachia longifolia, Prairie Moneywort.
Tecoma radicans, Trumpet Flower.
Ruellia strepens.
Mimulus ringens, Monkey Flower.
Mimulus alatus, Wingstem Monkey Flower.
Veronica Virginica, Culver's Physic.
Verbena hastata, Vervain.
Verbena urticifolia, Nettle-leaved Vervain.
Verbena angustifolia, Narrow leaved Vervain.
Monarda didyma, Mountain Mint.
Monarda fistulosa, Horsemint.
Pycnanthemum muticum
Pycnanthemum linifolium.
Prunella vulgaris, Blue-curfs.
Teucrium Canadense, Wild Germander.
Convolvulus panduratus, Wild potato.
Calystegia spithameus, Erect Bindweed.
Calystegia sepium, Rutland Beauty.
Solanum Dulcamara, Bittersweet.
Asclepias cornuti, Common Silkweed.
Asclepias purpurascens, Purple Silkweed.
Asclepias incarnata, Rose colored Silkweed.
Asclepias rubra.
Asclepias tuberosa, Butterfly weed.
Acerates longifolia, Long-leaved Acerates.
Euphorbia corollata, Flowering Spurge.
Calopogon pulchellus, Grass Pink.
Lilium Canadense, Yellow Lily.

Pontederia cordata, Pickeel Weed.

FLORES

Iowa Farmer and Horticulturist, Vol. No. 4, August, 1853

Owing to unavoidable circumstances, I was unable to prepare for publication, the monthly list of plants blossoming in this vicinity for August, September and October; but shall now present them altogether, and as this will close the season, this will necessarily be the last communication on this subject. It is a source of gratification to know that since I have commenced publishing the monthly list of plants blooming here, that many of the handsomest have been transplanted into the gardens of quite a number of our citizens, and there receive the attention due them. This is, as it should be, as many of our indigenous plants are far more ornamental than some that are cultivated and exotic. As our state becomes settled, many of the wild flowers become extinct, and their places supplied by the common plants incident to or following the march of civilization. It is therefore independent of their being highly ornamental, our duty to secure them from extinction, and the only way this can be done is to transplant them to our gardens and bestow upon them some of the attention we do upon exotics. I hope our horticulturists and florists, both here and east, will examine the lists, so that they will not send for, or send, what we have growing here, in greater profusion and luxuriance. This is more particularly the case with regard to shrubs.

Menispermum Canadense, Moon-seed.
Argemone ochroleucus, Horn Poppy.
Hypericum prolificum.
Hypericum adpressum.
Elodea Virginica.
Impatiens pallida, Touch-me-not.
Impatiens fulva, Jewel-weed.
Cardiospermum Haliacabum, Balloon-vine.
Galactia glabella
Amphicarpa monoica, Pea-vine.
Cassia nictitans, Wild Sensitive Plant.
Lespedeza reticulata.
Oenothera pumila, Dwarf Evening Primrose.
Gaura biennis, Biennial Guara.
Gaura filipes, Slender-stalked Guara.
Echinocystis lobata.
Cicuta maculata, Water Hemlock.
Vernonia fasciculata, Iron-weed.
Vernonia Noveboracensis, New York Veronica.
Eupatorium ageratoides, nettle-leaved Eupatorium.
Eupatorium sessifolium, Sessile-leaved Eupatorium.

Liatris squarrosa, Blazing Star
Liatris scariosa, Gray Feather.
Liatris spicata, Slender-leaved *Liatris*.
Aster azureus.
Aster Shortii, Short's Aster.
Aster laevis, Smooth Aster.
Aster puniceus, Red-stalked Aster.
Aster sericeus, Silk-leaved Aster.
Aster multiflorus, Many-flowered Aster.
Aster macrophyllus, Large-leaved Aster.
Aster cordifolius, Heart-leaved Aster.
Aster ptarmicoides.
Solidago planceolata, Grass-leaved Goldenrod.
Solidago tenuifolia.
Solidago rigida, Hard-leaved Goldenrod.
Solidago Riddelli, Riddell's *solidago*.
Solidago latifolia.
Solidago tricolor, Tricolored, Goldenrod.
Solidago Speciosa, Showy Goldenrod.
Solidago Missouriensis.
Silphium trifoliatum, Ternate-leaved *Silphium*.
Silphium Integrifolium.
Rudbeckia triloba.
Rudbeckia speciosa.
Echinacea purpurea, Purple Cone-flower.
Helianthus angustifolius, narrow-leaved sunflower.
Helianthus rigidus, Stiff-leaved sunflower.
Helianthus laetiflorus, Splendid sunflower.
Helianthus divaricatus, Spreading sunflower.
Helianthus giganteus.
Helianthus tomentosus, Downy-leaved Sunflower.
Helianthus grosse-serratus, Notch-leaved Sunflower.
Helenium autumnale, American Sneeze-wort.
Senecio aureus, Golden *Senecio*.
Erechtites hieracifolias, Fire-weed.
Xanthium Strumarium, Clot-weed.
Ambrosia trifida, Tall *Ambrosia*.
Lactuca elongata, Trumpet Milkweed.
Mulgedium leucophaeum.
Nabalus albus, White Lettuce.
Nabalus racemosus.
Nabalus asper.
Cacalia atriplicifolia, Orache-leaved Caraway.
Lobelia inflata, Indian Tobacco.
Lobelia leptostachys, Slender-spiked *Lobelia*.
Martynia proboscidea, Unicorn Plant.
Verbascum blattaria, Moth Mullein.
Scrophularia nodosa, Fig-wort.
Chelone glabra, Snake-head.
Dasystoma quercifolia, Oak-leaved *Dasystoma*.
Gerardia purpurea, Large-flowered purple *gerardia*.

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Gerardia tenuifolia, Small-flowered purple gerardia.
Pedicularis Canadensis, Louse-wort.
Pedicularis lanceolata, Branching Louse-wort.
Phyrma leptostachya, Slender-spiked Lopseed.
Lycopus sinuatus, Water Hoarhound.
Lycopus Virginicus, Bugle-weed.
Blephilia hisruta, Hairy Blephilia.
Blephilia ciliata.
Pycnanthemum lanceolatum.
Pycnanthemum incanum, Mountain Mint.
Pycnanthemum aristatum, Wild Basil.
Pycnanthemum pilosum, Hairy Pycnanthemum.
Lophanthus nepetoides.
Lophanthus scropularifolius.
Physostegia Virginiana, Lion's Heart.
Trichostema dichotoma, Blue curls.
Lithospermum latifolium, broad-leafed Gromwell.
Lithospermum canescens, Puccoon.
Ellisia Nyctelea.
Cuscuta Gronovii.
Physalis viscosa, Ground Cherry.
Solanum nigrum, Black Nightshade.
Gentiana Saponaria, Soapwort Gentian.
Gentiana ochroleuca, Straw-colored Gentian.
Gentiana quinqueflora, Five-flowered Gentian.
Gentiana crinita, Blue-fringed Gentian.
Chenopodium ambrosioides, Ambrosia goose-foot.
Chenopodium album white goose-foot.
Euphorbia maculata, Spotted spurge.
Euphorbia hypericifolia, Spurge.
Sparganium erectum.
Potamogeton natans.
Alisma plantago, Water Plantain.
Sagittaria Sagittifolia, Arrowhead.

FLORES

Iowa Farmer and Horticulturist, Vol. 1, No. 7, Nov., 1853